

Title (en)

OPTICAL BRIGHTENING AGENTS, PROCESS FOR THEIR PRODUCTION AND PHOTOGRAPHIC MATERIALS WHICH CONTAIN THESE BRIGHTENING AGENTS

Publication

**EP 0024380 B1 19830914 (EN)**

Application

**EP 80810252 A 19800815**

Priority

GB 7929033 A 19790821

Abstract (en)

[origin: US4302579A] New optical brightening agents and photographic materials which contain in at least one layer these brightening agents are provided. The compounds have the general formula <IMAGE> wherein R1 and R3 are hydrogen or methyl, R2 and R4 are alkyl R5 is hydrogen, alkyl, aryl, aralkyl, X is -NH-, -O- or -S-, L1 and L2 are alkylene oxide chains and M(+) is a hydrogen or an alkali metal cation. These brightening agents enhance the brightness in the white areas of photographic print materials.

IPC 1-7

**D21H 3/02**; **D21H 3/08**; **G03C 1/92**; **C07D 251/46**; **C07D 251/52**

IPC 8 full level

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CPC (source: EP US)

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Cited by

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**EP 0024380 A1 19810304**; **EP 0024380 B1 19830914**; DE 3064826 D1 19831020; JP S5632547 A 19810402; US 4302579 A 19811124; US 4336326 A 19820622

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